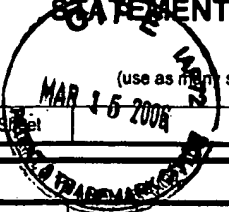


Substitute for form 1449/PTO (Modified)		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) 		Application Number	10/602,546
		Filing Date	June 23, 2003
		First Named Inventor	HENSON, Joan M.
		Art Unit	1651
		Examiner Name	Irene Marx
		Attorney Docket Number	A-72343 (470425-18)
Sheet	of	3	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Isr IM	A1 *	5,880,343	03-09-1999	Hiruma et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ² Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
	B1					

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁴
Isr IM	C1 *	AZEVEDO et al., "Endophytic microorganisms: a review on insect control and recent advances of tropical plants", EJB Electronic J. of Biotechnology, April 2000, 3(1):40-65.				
	C2	BACON, C.W., "Abiotic stress tolerances (moisture, nutrients) and photosynthesis in endophyte-infected tall fescue", Agricult. Ecosys. Environ., 1993, 44:123-141.				
Book	C3	BACON, C.W., et al., "Microbial Endophytes", 2000, Marcel Dekker Inc., N.Y.				
	C4	BORDALLO, J.J., et al., "Colonization of plant roots by egg-parasitic and nematode-trapping fungi", New Phytol., 2002, 154:491-499.				
Isr	C5 *	CARETTA et al., "Some filamentous fungi on grassland vegetation from Kenya", Mycopathologia, 1999, 145:155-169.				
	C6	CARROLL, G.C., "The biology of endophytism in plants with particular reference to woody perennials", Microbiology of the Phyllosphere (eds. Fokkema, H.J. & Van Den Heuvel, J.) 205-222 (Cambridge University Press, Cambridge, 1986).				
	C7	CLAY, K., et al., "Fungal endophyte symbiosis and plant diversity in successional fields", Science, 1999, 285:1742-1744.				
Book	C8	DE BARY, A., "Die Erscheinung Symbiose", in Vortrag auf der Versammlung der Naturforscher und Ärzte zu Cassel, ed. Trubner, K.J., 1-30, Strassburg, 1878.				
	C9	FREEMAN, S., et al., "Genetic conversion of a fungal plant-pathogen to a nonpathogenic, endophytic mutualist", Science, 1993, 260:75-78.				
Isr	C10 *	GHOSH et al., "Soil fungi from Orissa (India)-I", Mycologia, 1960, 52:915-918.				
	C11	HERTIG, M., et al., "The terms symbiosis, symbiont and symbiote", J. Parasit., 1937, 23:326-329.				
Isr	C12 *	HODGES et al., "Growth of Agrostis palustris in response to adventitious root infection by Curvularia lunata", J. Phytopathol., 1995, 143:639-642.				
Isr	C13 *	JAIN, B.L., "Two new species of Curvularia", Trans. Br. Mycol. Soc., 1962, 45:539-544.				

Examiner Signature	/Irene Marx/	Date Considered	01/29/2007
--------------------	--------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.
 This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2
 A-72343 (470425-18) 1449 Initial.doc

Substitute for form 1449A/PTO (Modified)				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/602,546
				Filing Date	June 23, 2003
				First Named Inventor	HENSON, Joan M.
				Art Unit	1651
				Examiner Name	Irene Marx
Sheet	2	of	3	Attorney Docket Number	A-72343 (470425-18)

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
IM	C14	JUMPRONEN, A., et al., "Dark septate endophytes: a review of facultative biotrophic root-colonizing fungi", New Phytol., 1998, 148:295-310.			
book	C15	KULDAU, G.A., et al., in <i>Microbial Endophytes</i> C. W. Bacon, J. F. White Jr., Eds. (Marcel Dekker, Inc., New York, 2000) pp. 85-117.			
ISR	C16	LATCH, G.C.M., Physiological interactions of endophytic fungi and heir hosts, Biotic stress tolerance imparted to grasses by endophytes", <i>Agricult. Ecosys. Environ.</i> , 1993, 44:143-156.			
	C17	LEWIS, D.H., "Symbiosis and mutualism: crisp concepts and soggy semantics", <i>The biology of Mutualism</i> (ed. Boucher, D.H.) 29-39, Croom Helm Ltd., London, 1985.			
	C18	MARKS, S., et al., "Effects of CO ₂ enrichment, nutrient addition, and fungal endophyte-infection on the growth of two grasses", <i>Oecologia</i> , 1990, 84:207-214.			
book	C19	MORTON, J.B., "Biodiversity and evolution in mycorrhizae in the desert", <i>Microbial Endophytes</i> (eds. Bacon, C.W. & White, J.F.J.) 3-30 (Marcel Dekker, Inc., New York, NY, 2000).			
	C20	PETRINI, O., "Taxonomy of endophytic fungi of aerial plant tissues", 1986, <i>Microbiology of Phyllosphere</i> (eds. Fokkema, N.J. & van den Heuvel, J., 175-187, Cambridge University Press, Cambridge.			
	C21	PIROZYNSKI et al, "The origin of land plants: a matter of mycotrophism", <i>Biosystems</i> , 1975, 6:153-164.			
	C22	READ, D.J., "Mycorrhiza-the state of the art", <i>Mycorrhiza</i> (eds. Vama, A. & Hook, B.) 3-34 (Springer-Verlag, Berlin, 1999).			
	C23	REDECKER et al., "Fungi from the Ordovician", <i>Science</i> , 2000, 289:1920-1921.			
ISR	C24	REDMAN et al., "Biochemical analysis of plant protection afforded by a nonpathogenic endophytic mutant of <i>Colletotrichum magna</i> ", <i>Plant Physiol.</i> , 1999, 119:795-804.			
	C25	REDMAN et al., "Fungal symbiosis: from mutualism to parasitism, who controls the outcome, host or invader?" <i>New Phytol.</i> , 2001, 151:705-716.			
	C26	REDMAN et al., "Thermotolerance Generated by Plant/Fungal Sympbiosis", <i>Science</i> , Vol. 298, November 22, 2002, 1581			
	C27	REDMAN, R.S., et al., "Field performance of cucurbit and tomato plants colonized with a nonpathogenic mutant of <i>Colletotrichum magna</i> (teleomorph: <i>Glomerella magna</i> ; Jenkins and Winstead), 2002, <i>Symbiosis</i> , 32:55-70.			
	C28	SAIKKONEN, K., et al., <i>Annu. Rev. Ecol. Syst.</i> 29, 319-343 (1998).			
book	C29	SCHUTZ, B., "Bioactive Fungal Metabolites-Impact Exploitation", 2001, British Mycological Society, International Symposium Proceedings, University of Wales, April.			
	C30	SIMON et al., "Origin and diversification of endomycorrhizal fungi and coincidence with vascular land plants", <i>Nature</i> , 1993, 363:67-69.			
book	C31	SMALLWOOD, M.F., et al., "Plant Responses to Environmental Stress", 1999, BIOS Scientific Publishers Limited, Oxford.			
	C32	SMITH, A.F., et al., "Structural diversity in (vesicular)-arbuscular mycorrhizal symbioses", <i>New Phytol.</i> , 1997, 137:373-388.			
✓	C33	SMITH, K.P., et al., "Host variation for interactions with beneficial plant-associated microbes", <i>Annu. Rev. Phytopathol.</i> , 1999, 37:473-492.			

Examiner Signature	/Irene Marx/	Date Considered	01/29/2007
--------------------	--------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2
A-72343 (470425-18) 1449 Initial.doc

Substitute for form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/602,546
				Filing Date	June 23, 2003
				First Named Inventor	HENSON, Joan M.
				Art Unit	1651
				Examiner Name	Irene Marx
Sheet	3	of	3	Attorney Docket Number	A-72343 (470425-18)

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
booEM	C34	STONE, J.K., et al., in <i>Microbial Endophytes</i> C. W. Bacon, J. F. White Jr., Eds. (Marcel Dekker, Inc., New York, 2000) pp. 3-29.			
isr	IMC35	TAYLOR et al., "Endophytic fungi associated with the temperate palm <i>Trachycarpus fortunei</i> , within and outside its natural geographic range", <i>New Phytologist</i> , May 1999, 142(2):335-346.			
isr	IMC36	VARMA, A., et al., "Pirifmospora indica, a cultivable plant-growth-promoting rood endophyte", <i>App. Environ. Microbiol.</i> , 1999, 65:2741-2744.			

4827-6266-3424\13/13/2006 10:01 AM

duplicate

Examiner Signature	/Irene Marx/	Date Considered	01/29/2007
-----------------------	--------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-788-9199) and selection option 2

A-72343 (470425-18) 1449 Initial.doc